SEQUENCE LISTING

```
<110>  Imperial College Innovations

<120>  Control of Apoptosis

<130>  20050701.ORI

<140>  US/10/536,664
<141>  2005-05-27

<160>  19

<170>  Patent In version 3.1

<210>  1
<211>  36
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Derivative of SAP18

<220>
<221>  MISC_FEATURE
<222>  (1)..(3)
<223>  Xaa amino acids are either all Ala or they are all Asp

<400>  1

Xaa Xaa Xaa Met Ala Val Glu Ser Arg Val Thr Gln Glu Glu Ile Lys
1               5                   10                  15


Lys Glu Pro Glu Lys Pro Ile Asp Arg Glu Lys Thr Cys Pro Leu Leu
            20                  25                  30


Leu Arg Val Phe
            35


<210>  2
<211>  32
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Derivative of Homo sapiens MAD1

<220>
<221>  MISC_FEATURE
<222>  (1)..(3)
<223>  Xaa amino acids are either all Ala or they are all Asp


<400>  2

Xaa Xaa Xaa Met Asn Ile Gln Met Leu Leu Glu Ala Ala Asp Tyr Leu
1               5                   10                  15


Glu Arg Arg Glu Arg Glu Ala Glu His Gly Tyr Ala Ser Met Leu Pro
            20                  25                  30
```

```
<210>  3
<211>  10
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Synthetic peptide based on SV40 T-antigen nuclear localisation signal peptide

<400>  3

Asp Asp Asp Pro Lys Lys Lys Arg Lys Val
1               5               10


<210>  4
<211>  16
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Synthetic peptide based on Drosophila Antennapedia homeodomain
penetratin

<400>  4

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1               5               10              15


<210>  5
<211>  15
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  Synthetic peptide based on Human Immunodeficiency Virus-1 TAT penetratin

<220>
<221>  MISC_FEATURE
<222>  (1)..(1)
<223>  Cys-acetamidomethyl

<400>  5

Xaa Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Cys
1               5               10              15


<210>  6
<211>  911
<212>  DNA
<213>  Homo sapiens

<400>  6
tgattgaaga cacccccctcg tccaagaatg caaagcacat ccaataaaat agctggatta      60

taactcctct tctttctctg ggggccgtgg ggtgggagct ggggcgagag gtgccgttgg      120

cccccgttgc ttttcctctg ggaaggatgg cgcacgctgg gagaacgggg tacgacaacc      180

gggagatagt gatgaagtac atccattata agctgtcgca gaggggctac gagtgggatg      240

cgggagatgt gggcgccgcg cccccggggg ccgcccccgc accgggcatc ttctcctccc      300
```

```
agcccgggca cacgccccat ccagccgcat cccgcgaccc ggtcgccagg acctcgccgc      360

tgcagacccc ggctgccccc ggcgccgccg cggggcctgc gctcagcccg gtgccacctg      420

tggtccacct ggccctccgc caagccggcg acgacttctc ccgccgctac cgcggcgact      480

tcgccgagat gtccagccag ctgcacctga cgcccttcac cgcgcgggga cgctttgcca      540

cggtggtgga ggagctcttc agggacgggg tgaactgggg gaggattgtg gccttctttg      600

agttcggtgg ggtcatgtgt gtggagagcg tcaaccggga gatgtcgccc ctggtggaca      660

acatcgccct gtggatgact gagtacctga accggcacct gcacacctgg atccaggata      720

acggaggctg ggtaggtgca tctggtgatg tgagtctggg ctgaggccac aggtccgaga      780

tcgggggttg gagtgcgggt gggctcctgg gcaatgggag gctgtggagc cggcgaaata      840

aaatcagagt tgttgcttcc cggcgtgtcc ctacctcctc ctctggacaa agcgttcact      900

cccaacctga c                                                          911


<210>   7
<211>   6030
<212>   DNA
<213>   Homo sapiens

<400>   7
gttggcccccc gttacttttc ctctgggaaa tatggcgcac gctgggagaa cagggtacga       60

taaccgggag atagtgatga agtacatcca ttataagctg tcgcagaggg gctacgagtg      120

ggatgcggga gatgtgggcg ccgcgccccc ggggggccgcc cccgcgccgg gcatcttctc      180

ctcgcagccc gggcacacgc cccatacagc cgcatcccgg acccggtcg ccaggacctc      240

gccgctgcag accccggctg cccccggcgc cgccgcgggg cctgcgctca gcccggtgcc      300

acctgtggtc cacctgaccc tccgccaggc cggcgacgac ttctcccgcc gctaccgccg      360

cgacttcgcc gagatgtcca ggcagctgca cctgacgccc ttcaccgcgc ggggacgctt      420

tgccacggtg gtggaggagc tcttcaggga cggggtgaac tgggggagga ttgtggcctt      480

ctttgagttc ggtggggtca tgtgtgtgga gagcgtcaac cgggagatgt cgcccctggt      540

ggacaacatc gccctgtgga tgactgagta cctgaaccgg cacctgcaca cctggatcca      600

ggataacgga ggctgggatg cctttgtgga actgtacggc cccagcatgc ggcctctgtt      660

tgatttctcc tggctgtctc tgaagactct gctcagtttg gccctggtgg agcttgcat      720

caccctgggt gcctatctgg ccacaagtg aagtcaacat gcctgcccca aacaaatatg      780

caaaaggttc actaaagcag tagaaataat atgcattgtc agtgatgttc catgaaacaa      840

agctgcaggc tgtttaagaa aaaataacac acatataaac atcacacaca cagacagaca      900

cacacacaca caacaattaa cagtcttcag gcaaacgtc gaatcagcta tttactgcca      960

aagggaaata tcatttattt tttacattat taagaaaaaa agatttattt atttaagaca     1020

gtcccatcaa aactcctgtc tttggaaatc cgaccactaa ttgccaagca ccgcttcgtg     1080
```

```
tggctccacc tggatgttct gtgcctgtaa acatagattc gctttccatg ttgttggccg      1140
gatcaccatc tgaagagcag acggatggaa aaaggacctg atcattgggg aagctggctt      1200
tctggctgct ggaggctggg gagaaggtgt tcattcactt gcatttcttt gccctggggg      1260
ctgtgatatt aacagaggga gggttcctgt ggggggaagt ccatgcctcc ctggcctgaa      1320
gaagagactc tttgcatatg actcacatga tgcatacctg gtgggaggaa aagagttggg      1380
aacttcagat ggacctagta cccactgaga tttccacgcc gaaggacagc gatgggaaaa      1440
atgcccttaa atcataggaa agtatttttt taagctacca attgtgccga gaaaagcatt      1500
ttagcaattt atacaatatc atccagtacc ttaagccctg attgtgtata ttcatatatt      1560
ttggatacgc accccccaac tcccaatact ggctctgtct gagtaagaaa cagaatcctc      1620
tggaacttga ggaagtgaac atttcggtga cttccgcatc aggaaggcta gagttaccca      1680
gagcatcagg ccgccacaag tgcctgcttt taggagaccg aagtccgcag aacctgcctg      1740
tgtcccagct tggaggcctg gtcctggaac tgagccgggg ccctcactgg cctcctccag      1800
ggatgatcaa cagggcagtg tggtctccga atgtctggaa gctgatggag ctcagaattc      1860
cactgtcaag aaagagcagt agaggggtgt ggctgggcct gtcaccctgg ggccctccag      1920
gtaggcccgt tttcacgtgg agcatgggag ccacgaccct tcttaagaca tgtatcactg      1980
tagagggaag gaacagaggc cctgggccct tcctatcaga aggacatggt gaaggctggg      2040
aacgtgagga gaggcaatgg ccacggccca ttttggctgt agcacatggc acgttggctg      2100
tgtggccttg gcccacctgt gagtttaaag caaggcttta aatgactttg gagagggtca      2160
caaatcctaa aagaagcatt gaagtgaggt gtcatggatt aattgacccc tgtctatgga      2220
attacatgta aaacattatc ttgtcactgt agtttggttt tatttgaaaa cctgacaaaa      2280
aaaaagttcc aggtgtggaa tatggggggtt atctgtacat cctggggcat taaaaaaaaa      2340
atcaatggtg gggaactata aagaagtaac aaaagaagtg acatcttcag caaataaact      2400
aggaaatttt tttttcttcc agtttagaat cagccttgaa acattgatgg aataactctg      2460
tggcattatt gcattatata ccatttatct gtattaactt tggaatgtac tctgttcaat      2520
gtttaatgct gtggttgata tttcgaaagc tgctttaaaa aaatacatgc atctcagcgt      2580
ttttttgttt ttaattgtat ttagttatgg cctatacact atttgtgagc aaaggtgatc      2640
gttttctgtt tgagattttt atctcttgat tcttcaaaag cattctgaga aggtgagata      2700
agccctgagt ctcagctacc taagaaaaac ctggatgtca ctggccactg aggagctttg      2760
tttcaaccaa gtcatgtgca tttccacgtc aacagaattg tttattgtga cagttatatc      2820
tgttgtccct ttgaccttgt ttcttgaagg tttcctcgtc cctgggcaat ccgcattta      2880
attcatggta ttcaggatta catgcatgtt tggttaaacc catgagattc attcagttaa      2940
aaatccagat ggcaaatgac cagcagattc aaatctatgg tggtttgacc tttagagagt      3000
```

```
tgctttacgt ggcctgtttc aacacagacc cacccagagc cctcctgccc tccttccgcg   3060

ggggctttct catggctgtc cttcagggtc ttcctgaaat gcagtggtgc ttacgctcca   3120

ccaagaaagc aggaaacctg tggtatgaag ccagacctcc ccggcgggcc tcagggaaca   3180

gaatgatcag acctttgaat gattctaatt tttaagcaaa atattatttt atgaaaggtt   3240

tacattgtca aagtgatgaa tatggaatat ccaatcctgt gctgctatcc tgccaaaatc   3300

attttaatgg agtcagtttg cagtatgctc cacgtggtaa gatcctccaa gctgctttag   3360

aagtaacaat gaagaacgtg gacgctttta atataaagcc tgttttgtct tctgttgttg   3420

ttcaaacggg attcacagag tatttgaaaa atgtatatat attaagaggt cacggggggct   3480

aattgctggc tggctgcctt ttgctgtggg gtttttgttac ctggttttaa taacagtaaa   3540

tgtgcccagc ctcttggccc cagaactgta cagtattgtg gctgcacttg ctctaagagt   3600

agttgatgtt gcattttcct tattgttaaa aacatgttag aagcaatgaa tgtatataaa   3660

agcctcaact agtcattttt ttctcctctt ctttttttttc attatatcta attattttgc   3720

agttgggcaa cagagaacca tccctatttt gtattgaaga gggattcaca tctgcatctt   3780

aactgctctt tatgaatgaa aaaacagtcc tctgtatgta ctcctcttta cactggccag   3840

ggtcagagtt aaatagagta tatgcacttt ccaaattggg gacaagggct ctaaaaaaag   3900

ccccaaaagg agaagaacat ctgagaacct cctcggccct cccagtccct cgctgcacaa   3960

atactccgca agagaggcca gaatgacagc tgacagggtc tatggccatc gggtcgtctc   4020

cgaagatttg gcaggggcag aaaactctgg caggcttaag atttggaata aagtcacaga   4080

atcaaggaag cacctcaatt tagttcaaac aagacgccaa cattctctcc acagctcact   4140

tacctctctg tgttcagatg tggccttcca tttatatgtg atctttgttt tattagtaaa   4200

tgcttatcat ctaaagatgt agctctggcc cagtgggaaa aattaggaag tgattataaa   4260

tcgagaggag ttataataat caagattaaa tgtaaataat cagggcaatc ccaacacatg   4320

tctagctttc acctccagga tctattgagt gaacagaatt gcaaatagtc tctatttgta   4380

attgaactta tcctaaaaca aatagtttat aaatgtgaac ttaaactcta attaattcca   4440

actgtacttt taaggcagtg gctgtttta gactttctta tcacttatag ttagtaatgt   4500

acacctactc tatcagagaa aaacaggaaa ggctcgaaat acaagccatt ctaaggaaat   4560

tagggagtca gttgaaattc tattctgatc ttattctgtg gtgtcttttg cagcccagac   4620

aaatgtggtt acacactttt taagaaatac aattctacat tgtcaagctt atgaaggttc   4680

caatcagatc tttattgtta ttcaatttgg atctttcagg gatttttttt ttaaattatt   4740

atgggacaaa ggacatttgt tggaggggtg ggagggagga acaattttta aatataaaac   4800

attcccaagt ttggatcagg gagttggaag ttttcagaat aaccagaact aagggtatga   4860

aggacctgta ttggggtcga tgtgatgcct ctgcgaagaa ccttgtgtga caaatgagaa   4920

acattttgaa gtttgtggta cgacctttag attccagaga catcagcatg gctcaaagtg   4980
```

```
cagctccgtt tggcagtgca atggtataaa tttcaagctg gatatgtcta atgggtattt      5040

aaacaataaa tgtgcagttt taactaacag gatatttaat gacaaccttc tggttggtag      5100

ggacatctgt ttctaaatgt ttattatgta caatacagaa aaaaatttta taaaattaag      5160

caatgtgaaa ctgaattgga gagtgataat acaagtcctt tagtcttacc cagtgaatca      5220

ttctgttcca tgtctttgga caaccatgac cttggacaat catgaaatat gcatctcact      5280

ggatgcaaag aaaatcagat ggagcatgaa tggtactgta ccggttcatc tggactgccc      5340

cagaaaaata acttcaagca aacatcctat caacaacaag gttgttctgc ataccaagct      5400

gagcacagaa gatgggaaca ctggtggagg atggaaaggc tcgctcaatc aagaaaattc      5460

tgagactatt aataaataag actgtagtgt agatactgag taaatccatg cacctaaacc      5520

ttttggaaaa tctgccgtgg gccctccaga tagctcattt cattaagttt ttccctccaa      5580

ggtagaattt gcaagagtga cagtggattg catttctttt ggggaagctt tcttttggtg      5640

gttttgttta ttataccttc ttaagttttc aaccaaggtt tgcttttgtt ttgagttact      5700

ggggttattt ttgttttaaa taaaaataag tgtacaataa gtgtttttgt attgaaagct      5760

tttgttatca agattttcat acttttacct tccatggctc tttttaagat tgatactttt      5820

aagaggtggc tgatattctg caacactgta cacataaaaa atacggtaag gatactttac      5880

atggttaagg taaagtaagt ctccagttgg ccaccattag ctataatggc actttgtttg      5940

tgttgttgga aaaagtcaca ttgccattaa acttttcttg tctgtctagt taatattgtg      6000

aagaaaaata aagtacagtg tgagatactg                                       6030


<210>  8
<211>  2610
<212>  DNA
<213>  Homo sapiens

<400>  8
atcctgggac agggcacagg gccatctgtc accaggggct tagggaaggc cgagccagcc        60

tgggtcaaag aagtcaaagg ggctgcctgg aggaggcagc ctgtcagctg gtgcatcaga       120

ggctgtggcc aggccagctg ggctcgggga gcgccagcct gagaggagcg cgtgagcgtc       180

gcgggagcct cgggcaccat gagcgacgtg gctattgtga aggagggttg gctgcacaaa       240

cgagggggagt acatcaagac ctggcggcca cgctacttcc tcctcaagaa tgatggcacc       300

ttcattggct acaaggagcg gccgcaggat gtggaccaac gtgaggctcc cctcaacaac       360

ttctctgtgg cgcagtgcca gctgatgaag acggagcggc cccggcccaa caccttcatc       420

atccgctgcc tgcagtggac cactgtcatc gaacgcacct ccatgtggga gactcctgag       480

gagcgggagg agtggacaac cgccatccag actgtggctg acggcctcaa gaagcaggag       540

gaggaggaga tggacttccg gtcgggctca cccagtgaca actcaggggc tgaagagatg       600

gaggtgtccc tggccaagcc caagcaccgc gtgaccatga acgagtttga gtacctgaag       660
```

```
ctgctgggca agggcacttt cggcaaggtg atcctggtga aggagaaggc cacaggccgc    720

tactacgcca tgaagatcct caagaaggaa gtcatcgtgg ccaaggacga ggtggcccac    780

acactcaccg agaaccgcgt cctgcagaac tccaggcacc ccttcctcac agccctgaag    840

tactctttcc agacccacga ccgcctctgc tttgtcatgg agtacgccaa cgggggcgag    900

ctgttcttcc acctgtcccg ggaacgtgtg ttctccgagg accgggcccg cttctatggc    960

gctgagattg tgtcagccct ggactacctg cactcggaga agaacgtggt gtaccgggac   1020

ctcaagctgg agaacctcat gctggacaag gacgggcaca ttaagatcac agacttcggg   1080

ctgtgcaagg aggggatcaa ggacggtgcc accatgaaga ccttttgcgg cacacctgag   1140

tacctggccc ccgaggtgct ggaggacaat gactacggcc gtgcagtgga ctggtggggg   1200

ctgggcgtgg tcatgtacga gatgatgtgc ggtcgcctgc ccttctacaa ccaggaccat   1260

gagaagcttt ttgagctcat cctcatggag gagatccgct ccccgcgcac gcttggtccc   1320

gaggccaagt ccttgctttc agggctgctc aagaaggacc ccaagcagag gcttggcggg   1380

ggctccgagg acgccaagga gatcatgcag catcgcttct ttgccggtat cgtgtggcag   1440

cacgtgtacg agaagaagct cagcccaccc ttcaagcccc aggtcacgtc ggagactgac   1500

accaggtatt ttgatgagga gttcacggcc cagatgatca ccatcacacc acctgaccaa   1560

gatgacagca tggagtgtgt ggacagcgag cgcaggcccc acttccccca gttctcctac   1620

tcggccagca gcacggcctg aggcggcggt ggactgcgct ggacgatagc ttggagggat   1680

ggagaggcgg cctcgtgcca tgatctgtat ttaatggttt ttatttctcg ggtgcatttg   1740

agagaagcca cgctgtcctc tcgagcccag atggaaagac gtttttgtgc tgtgggcagc   1800

accctccccc gcagcggggt agggaagaaa actatcctgc gggtttttaat ttatttcatc   1860

cagtttgttc tccgggtgtg gcctcagccc tcagaacaat ccgattcacg tagggaaatg   1920

ttaaggactt ctacagctat gcgcaatgtg gcattggggg gccgggcagg tcctgcccat   1980

gtgtcccctc actctgtcag ccagccgccc tgggctgtct gtcaccagct atctgtcatc   2040

tctctggggc cctgggcctc agttcaacct ggtggcacca gatgcaacct cactatggta   2100

tgctggccag caccctctcc tgggggtggc aggcacacag cagccccca gcactaaggc    2160

cgtgtctctg aggacgtcat cggaggctgg gccctggga tgggaccagg gatggggat    2220

gggccagggt ttacccagtg ggacagagga gcaaggttta aatttgttat tgtgtattat   2280

gttgttcaaa tgcattttgg gggtttttaa tctttgtgac aggaaagccc tccccttcc    2340

ccttctgtgt cacagttctt ggtgactgtc ccaccggagc ctcccctca gatgatctct    2400

ccacggtagc acttgacctt ttcgacgctt aacctttccg ctgtcgcccc aggccctccc   2460

tgactccctg tggggtggc catccctggg cccctccacg cctcctggcc agacgctgcc    2520

gctgccgctg caccacggcg ttttttaca acattcaact ttagtattt tactattata     2580
```

atataatatg gaaccttccc tccaaattct   2610

<400>   9
ggaggaggaa gcaagcgagg gggctggttc ctgagcttcg caattcctgt gtcgccttct   60

gggctcccag cctgccgggt cgcatgatcc ctccggccgg agctggtttt tttgccagcc   120

accgcgaggc cggctgagtt accggcatcc ccgcagccac ctcctctccc gacctgtgat   180

acaaaagatc ttccgggggc tgcacctgcc tgcctttgcc taaggcggat ttgaatctct   240

ttctctccct tcagaatctt atcttggctt tggatcttag aagagaatca ctaaccagag   300

acgagactca gtgagtgagc aggtgttttg dacaatggac tggttgagcc catccctatt   360

ataaaaatgt ctcagagcaa ccgggagctg gtggttgact ttctctccta caagctttcc   420

cagaaaggat acagctggag tcagtttagt gatgtggaag agaacaggac tgaggcccca   480

gaagggactg aatcggagat ggagaccccc agtgccatca atggcaaccc atcctggcac   540

ctggcagaca gccccgcggt gaatggagcc actggccaca gcagcagttt ggatgcccgg   600

gaggtgatcc ccatggcagc agtaaagcaa gcgctgaggg aggcaggcga cgagtttgaa   660

ctgcggtacc ggcgggcatt cagtgacctg acatcccagc tccacatcac cccagggaca   720

gcatatcaga gctttgaaca ggtagtgaat gaactcttcc gggatggggt aaactggggt   780

cgcattgtgg cctttttctc cttcggcggg gcactgtgcg tggaaagcgt agacaaggag   840

atgcaggtat tggtgagtcg gatcgcagct tggatggcca cttacctgaa tgaccaccta   900

gagccttgga tccaggagaa cggcggctgg gatacttttg tggaactcta tgggaacaat   960

gcagcagccg agagccgaaa gggccaggaa cgcttcaacc gctggttcct gacgggcatg   1020

actgtggccg gcgtggttct gctgggctca ctcttcagtc ggaaatgacc agacactgac   1080

catccactct accctcccac ccccttctct gctccaccac atcctccgtc cagccgccat   1140

tgccaccagg agaaccacta catgcagccc atgcccacct gcccatcaca gggttgggcc   1200

cagatctggt cccttgcagc tagttttcta gaatttatca cacttctgtg agaccccac   1260

acctcagttc ccttggcctc agaattcaca aaatttccac aaaatctgtc caaaggaggc   1320

tggcaggtat ggaagggttt gtggctgggg gcaggagggc cctacctgat tggtgcaacc   1380

cttacccctt agcctccctg aaaatgtttt tctgccaggg agcttgaaag ttttcagaac   1440

ctcttcccca gaaaggagac tagattgcct ttgttttgat gtttgtggcc tcagaattga   1500

tcattttccc cccactctcc ccacactaac ctgggttccc tttccttcca tccctacccc   1560

ctaagagcca tttaggggcc acttttgact agggattcag gctgcttggg ataaagatgc   1620

aaggaccagg actccctcct cacctctgga ctggctagag tcctcactcc cagtccaaat   1680

```
gtcctccaga agcctctggc tagaggccag ccccacccag gagggagggg gctatagcta    1740

caggaagcac cccatgccaa agctagggtg gcccttgcag ttcagcacca ccctagtccc    1800

ttcccctccc tggctcccat gaccatactg agggaccaac tgggcccaag acagatgccc    1860

cagagctgtt tatggcctca gctgcctcac ttcctacaag agcagcctgt ggcatctttg    1920

ccttgggctg ctcctcatgg tgggttcagg ggactcagcc ctgaggtgaa agggagctat    1980

caggaacagc tatgggagcc ccagggtctt ccctacctca ggcaggaagg gcaggaagga    2040

gagcctgctg catggggtgg ggtagggctg actagaaggg ccagtcctgc ctggccaggc    2100

agatctgtgc cccatgcctg tccagcctgg gcagccaggc tgccaaggcc agagtggcct    2160

ggccaggagc tcttcaggcc tccctctctc ttctgctcca cccttggcct gtctcatccc    2220

caggggtccc agccaccccg ggctctctgc tgtacatatt tgagactagt ttttattcct    2280

tgtgaagatg atatactatt tttgttaagc gtgtctgtat ttatgtgtga ggagctgctg    2340

gcttgcagtg cgcgtgcacg tggagagctg gtgcccggag attggacggc ctgatgctcc    2400

ctcccctgcc ctggtccagg gaagctggcc gagggtcctg gctcctgagg ggcatctgcc    2460

cctcccccaa cccccacccc acacttgttc cagctctttg aaatagtctg tgtgaaggtg    2520

aaagtgcagt tcagtaataa actgtgttta ctcagtgaaa aaaaaaaaa aaaaa          2575


<210>    10
<211>    22
<212>    DNA
<213>    Artificial Sequence

<220>
<223>    Triplex forming oligonucleotide sequence based on Homo sapiens Bcl-2
gene regulatory site

<400>    10
gggtgtgggg tutgtgtgtg gt                                              22


<210>    11
<211>    18
<212>    DNA
<213>    Artificial Sequence

<220>
<223>    Triplex forming oligonucleotide sequence based on Homo sapiens Bcl-2
gene regulatory site

<400>    11
ggtgtuttgg ttgggtgt                                                   18


<210>    12
<211>    20
<212>    DNA
<213>    Artificial Sequence

<220>
<223>    Triplex forming oligonucleotide sequence based on Homo sapiens Bcl-2
gene regulatory site
```

<400> 12
tugtgtgggt gtggtguggg   20

<210> 13
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> RT-PCR primer based on Homo sapiens Bcl-2 regulatory site

<400> 13
tccggtattc gcagaagtcc   20

<210> 14
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> RT-PCR primer based on Homo sapiens Bcl-2 regulatory site

<400> 14
atcagaagag gattcctgcc   20

<210> 15
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> RT-PCR primer based on Homo sapiens Bcl-2 regulatory site

<400> 15
tgatggagct cagaattcc   19

<210> 16
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> RT-PCR primer based on Homo sapiens Bcl-2 regulatory site

<400> 16
tgcctctcct cacgttcc   18

<210> 17
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide based on Homo sapiens MAD1 and SV40 T-antigen nuclear
localisation signal peptide

<400> 17

Asp Asp Asp Met Asn Ile Gln Met Leu Leu Glu Ala Ala Asp Tyr Leu

```
                1                      5                              10                            15


                Glu Arg Arg Glu Arg Glu Ala Glu His Gly Tyr Ala Ser Met Leu Pro
                            20                  25              30


                Asp Asp Asp Pro Lys Lys Lys Arg Lys Val
                        35                  40
```

<210> 18
<211> 42
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide based on SV40 T-antigen nuclear localisation signal peptide
and Homo sapiens MAD1

<400> 18

```
Asp Asp Asp Pro Lys Lys Lys Arg Lys Val Asp Asp Asp Met Asn Ile
1               5                   10              15


Gln Met Leu Leu Glu Ala Ala Asp Tyr Leu Glu Arg Arg Glu Arg Glu
            20                  25              30


Ala Glu His Gly Tyr Ala Ser Met Leu Pro
        35                  40
```

<210> 19
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic nuclear localisation sequence derived from SV40 T-antigen

<400> 19

```
Pro Lys Lys Lys Arg Lys Val
1               5
```